

Jewel Cave National Monument, Boundary Metadata

Identification_Information:

Citation:

Citation_Information:

Originator: USGS, Center for Biological Informatics

Publication_Date: 20030717

Title: Jewel Cave National Monument Boundary Dataset

Geospatial_Data_Presentation_Form: vector digital data

Online_Linkage: http://biology.usgs.gov/npsveg/jeca/index.html#geospatial_veg_info

Description:

Abstract: Jewel Cave National Monument boundary. Derived from a dataset containing 342 National Park System unit boundaries. Under the jurisdiction of the National Park Service (NPS), these park units are located throughout the United States (U.S.) and its territories. Almost all the parks are located north of the equator in the western hemisphere; although a couple parks are south of the equator or in the eastern hemisphere. The dataset was compiled (and edited) from a variety sources: park-based GIS databases; U.S. Geological Survey 7.5' 1:24,000 quadrangles; NPS Park Land Status Maps; legal descriptions; etc.). The boundaries are in Latitude-Longitude (Clarke 1866-NAD83) decimal degrees. The ID_ field contains the unique 4 character park code identifying each park. The NAME1_ field contains the full park name. The NAME2_ field contains information about the source, scale, and date of the boundary. The boundaries are generally the designated boundary. Inholdings may or may not be shown depending on the park. This dataset was originally created in Environmental System's Research Institute's (ESRI) ATLAS*GIS software and is currently maintained in this software. This version of the dataset was created using ESRI's ArcTools 8.0.2 Import to ShapeFile from .AGF file command, ShapeFile to Coverage command, and then Export to Interchange File. To obtain the most accurate, current boundary, users should contact the specific park.

Purpose: These digital park unit boundary should not be used for any legal boundary disputes. It is intended solely for use only in identifying the general location of Jewel Cave National Monument. This dataset was compiled to assist the USGS-NPS Vegetation Mapping Program in determining the proximity of vegetation features to Jewel Cave National Monument.

Time_Period_of_Content:

Time_Period_Information:

Single_Date/Time:

Calendar_Date: 20010503

Currentness_Reference: publication date of original dataset

Status:

Progress: Complete

Maintenance_and_Update_Frequency: Irregular

Spatial_Domain:

Description_of_Geographic_Extent: Jewel Cave National Monument - Black Hills, South Dakota, USA

Bounding_Coordinates:

West_Bounding_Coordinate: -103.847717

East_Bounding_Coordinate: -103.815970

North_Bounding_Coordinate: 43.742222

South_Bounding_Coordinate: 43.720076

Keywords:

Theme:

Theme_Keyword_Thesaurus: None

Theme_Keyword: National Park Boundaries

Theme_Keyword: Federal Lands

Theme_Keyword: Boundaries

Theme_Keyword: National Park Service

Theme_Keyword: National Parks

Theme_Keyword: Preserved Areas

Place:

Place_Keyword_Thesaurus: None

USGS-NPS Vegetation Mapping Program
Jewel Cave National Monument

Place_Keyword: National Park System

Place_Keyword: U.S., US, U.S.A., USA, United States, United States of America

Place_Keyword: Jewel Cave National Monument

Place_Keyword: South Dakota

Access_Constraints: None

Use_Constraints: This digital national park unit boundary should not be used for any legal boundary disputes. To obtain the most accurate, current boundary, users should contact the specific park. The National Park Service shall not be held liable for improper or incorrect use of the park boundary data described and/or contained herein. These data are not legal documents and are not intended to be used as such. The information contained in these data is dynamic and may change over time. The data are no better than the original sources from which they were derived. In fact, the data are likely less accurate than the original sources as no attempt has been made to thoroughly error check the data. It is the responsibility of the data user to use the data appropriately and consistent within the limitations of geospatial data in general and these data in particular. The National Park Service and the US Geological Survey gives no warranty, expressed or implied, as to the accuracy, reliability, or completeness of these data. It is strongly recommended that these data are directly acquired from an NPS server and not indirectly through other sources which may have changed the data in some way. Although these data have been processed successfully on a computer system at the USGS, no warranty expressed or implied is made regarding the utility of the data on another system or for general or scientific purposes, nor shall the act of distribution constitute any such warranty. This disclaimer applies both to individual use of the data and aggregate use with other data.

Point_of_Contact:

Contact_Information:

Contact_Organization_Primary:

Contact_Organization: USGS-NPS Vegetation Mapping Program Coordinator

Contact_Address:

Address_Type: mailing and physical address

Address: U.S. Geological Survey, Center for Biological Informatics, MS 302, Room 8000, Building 810, Denver
Federal Center

City: Denver

State_or_Province: Colorado

Postal_Code: 80225

Country: USA

Contact_Voice_Telephone: (303) 202-4220

Contact_Facsimile_Telephone: (303) 202-4219

Contact_Electronic_Mail_Address: gs-b-npsveg@usgs.gov

Native_Data_Set_Environment: The Dataset was created, edited, and/or compiled in Environmental System's Research Institute's ArcGIS software running on a personal computer. The original source boundaries may have been digitized within a variety of GIS and CAD systems.

Cross_Reference:

Citation_Information:

Originator: National Park Service, Water Resources Division

Publication_Date: 20010503

Title: National Park System Boundary Dataset

Geospatial_Data_Presentation_Form: vector digital data

Data_Quality_Information:

Attribute_Accuracy:

Attribute_Accuracy_Report: Attribute accuracy was tested by manual comparison of the source with hard copy printouts. Attributes were further verified by visual inspection.

Logical_Consistency_Report: Tests for logical consistency are performed by digitizing software (ArcGIS). Each park unit is comprised of one or more polygons.

Completeness_Report: Dataset contains boundaries for only 1 of 375 park units. Park boundaries are generally the legislative boundary only. No attempt has been made to include or exclude inholdings within the designated boundary.

Positional_Accuracy:

Horizontal_Positional_Accuracy:

Horizontal_Positional_Accuracy_Report: Horizontal accuracy varies depending on the source of each boundary included

USGS-NPS Vegetation Mapping Program

Jewel Cave National Monument

in the National Park System Boundary Dataset. The source of the Jewel Cave National Monument Boundary was: "RMRO Land Div. 1:6,000 1973 Land Status Map".

Lineage:

Source_Information:

Source_Citation:

Citation_Information:

Originator: National Park Service, Water Resources Division

Publication_Date: 20010503

Title: National Park System Boundary Dataset

Geospatial_Data_Presentation_Form: vector digital data

Type_of_Source_Media: electronic file

Source_Time_Period_of_Content:

Time_Period_Information:

Single_Date/Time:

Calendar_Date: 20010503

Source_Currentness_Reference: publication date

Source_Citation_Abbreviation: NPSBoundaries downloaded February 7, 2002.

Source_Contribution:

Source of JECA boundary - This dataset contained 342 National Park System unit boundaries. Under the jurisdiction of the National Park Service (NPS), these park units are located throughout the United States (U.S.) and its territories.

Almost all the parks are located north of the equator in the western hemisphere; although a couple parks are south of the equator or in the eastern hemisphere. The dataset was compiled (and edited) from a variety sources: park-based GIS databases; U.S. Geological Survey 7.5' 1:24,000 quadrangles; NPS Park Land Status Maps; legal descriptions; etc.).

The boundaries are in Latitude-Longitude (Clarke 1866-NAD83) decimal degrees. The ID_ field contains the unique 4 character park code identifying each park. The NAME1_ field contains the full park name. The NAME2_ field contains information about the source, scale, and date of the boundary. The boundaries are generally the designated boundary. Inholdings may or may not be shown depending on the park. This dataset was originally created in Environmental System's Research Institute's (ESRI) ATLAS*GIS software and is currently maintained in this software. This version of the dataset was created using ESRI's ArcTools 8.0.2 Import to ShapeFile from .AGF file command, ShapeFile to Coverage command, and then Export to Interchange File. To obtain the most accurate, current boundary, users should contact the specific park. These digital park unit boundaries should not be used for any legal boundary disputes. They are intended solely for use only in identifying the general locations of national park units throughout the U.S. This dataset was compiled to assist the NPS Water Resources Division in determining the proximity of certain hydrographic features to national park units and whether national park units are contained in other management units.

Process_Step:

Process_Description: The JECA boundary was extracted using the query, "ID_ = JECA". This park boundary was then projected into GCS_North_American_1983 with Datum: D_North_American_1983. Then projected into utm to match the JECA vegetation dataset.

Process_Date: 20020207

Spatial_Data_Organization_Information:

Direct_Spatial_Reference_Method: Vector

Spatial_Reference_Information:

Horizontal_Coordinate_System_Definition:

Geographic:

Latitude_Resolution: .000001

Longitude_Resolution: .000001

Geographic_Coordinate_Units: Decimal degrees

Geodetic_Model:

Horizontal_Datum_Name: D North American 1983

Ellipsoid_Name: GRS 1980

Semi-major_Axis: 6378137

Denominator_of_Flattening_Ratio: 298.257

USGS-NPS Vegetation Mapping Program Jewel Cave National Monument

Distribution_Information:

Distributor:

Contact_Information:

Contact_Person_Primary:

Contact_Person: USGS-NPS Vegetation Mapping Program Coordinator

Contact_Organization: USGS/BRD, Center for Biological Informatics

Contact_Position: Geospatial Technology Specialist

Contact_Address:

Address_Type: Physical Address

Address: USGS Biological Resources

Address: Center for Biological Informatics

Address: Denver Federal Center, Building 810

Address: Room 8000, MS302

City: Denver

State_or_Province: CO

Postal_Code: 80225-0046

Country: USA

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Distribution_Liability:

The USGS and the National Park Service shall not be held liable for improper or incorrect use of the data described and/or contained herein. These data and related graphics (if available) are not legal documents and are not intended to be used as such.

The information contained in these data is dynamic and may change over time. The data are not better than the original sources from which they were derived. It is the responsibility of the data user to use the data appropriately and consistent within the limitations of geospatial data in general and these data in particular. Any related graphics (if available) are intended to aid the data user in acquiring relevant data; it is not appropriate to use the related graphics as data.

The USGS and the National Park Service gives no warranty, expressed or implied, as to the accuracy, reliability, or completeness of these data. It is strongly recommended that these data are directly acquired from an NPS server and not indirectly through other sources which may have changed the data in some way. Although these data have been processed successfully on a computer system at the USGS, no warranty expressed or implied is made regarding the utility of the data on another system or for general or scientific purposes, nor shall the act of distribution constitute any such warranty. This disclaimer applies both to individual use of the data and aggregate use with other data.

Standard_Order_Process:

Digital_Form:

Digital_Transfer_Information:

Format_Name: HTML

Digital_Transfer_Option:

Online_Option:

Computer_Contact_Information:

Network_Address:

Network_Resource_Name: http://biology.usgs.gov/npsveg/jeca/index.html#geospatial_veg_info

Access_Instructions: Internet Access

Fees: Organizations/individuals may need to provide suitable media to reproduce the data.

Metadata_Reference_Information:

Metadata_Date: 20030717

Metadata_Review_Date: 20060901

Metadata_Contact:

Contact_Information:

Contact_Organization_Primary:

USGS-NPS Vegetation Mapping Program
Jewel Cave National Monument

Contact_Organization: USGS-NPS Vegetation Mapping Program Coordinator

Contact_Address:

Address_Type: mailing and physical address

Address:

U.S. Geological Survey, Center for Biological Informatics, MS 302,

Room 8000, Building 810, Denver Federal Center

City: Denver

State_or_Province: Colorado

Postal_Code: 80225

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Contact_Voice_Telephone: (303) 202-4220

Contact_Facsimile_Telephone: (303) 202-4219

Contact_Electronic_Mail_Address: gs-b-npsveg@usgs.gov

Metadata_Standard_Name: FGDC-STD-001.1-1999 Content Standard for Digital Geospatial Metadata, 1998 Part 1:
Biological Data Profile, 1999

Metadata_Standard_Version: FGDC-STD-001-1998

Metadata_Extensions:

Online_Linkage: <http://biology.usgs.gov/fgdc.bio/bionwext.txt>

Profile_Name: Biological Data Profile FGDC-STD-001.1-1999